PAVIATH INTEGRATED SOLUTION

POLYTECH

MECHANICAL | **SYLLABUS PROGRAM** | **Paviath ONLINE**

◆ MECH. ENGG.DRAWING ◆ MECH. ENGG. GROUP ◆ THIRD SEMESTER ◆ POLYTECHNIC CODE AE/PG/PT/ME/MH/MI

COURSE AIM
◆ UNDERSTANDING DRAWING
◆ CLEAR SPATIAL VISUALIZATION
◆ PROFICIENCY IN READING
◆ INTERPRETING PRODUCTION DRGS
◆ DRAFTING SKILLS

COURSE OBJECTIVE
◆ INDUSTRIAL DRAWINGS
◆ MANUFACTURING OF ELEMENTS
◆ MACHINE ELEMENTS SYMBOL
◆ VISUALIZING ASSEMBLY & ELEMENTS
◆ SIZE,FORMS,POSITION TOLERANCES

COURSE CONTENTS
◆ AUXILIARY VIEWS ◆ INTERSECTION OF SOLIDS ◆ DEVELOPMENTS OF SURFACES ◆ CONVENTIONAL REPRESENTATION ◆ LIMITS, FITS AND TOLERANCES ◆ DETAILS TO ASSEMBLY ◆ ASSEMBLY TO DETAILS

REFERENCE BOOKS
◆ N.D.BHATT MACHINE DRAWING
◆ IS CODE SP 46 (1988) CODE OF PRACTICE FOR GENERAL ENGINEERING DRAWING
◆ L.K.NARAYANAN P.KANNAICH PRODUCTION DRAWING

COURSE SOFTWARE
◆ APM WINMACHINE
◆ KOMPAS 2D/3D/PDM/BOM
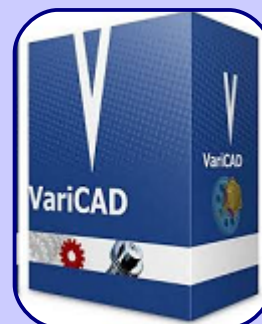◆ VARICAD 2D/3D/PDM/BOM
◆ DOCUMENTATION & PRINTING

APM WINMACHINE
◆ MECHANICAL DATA PARTS DB
◆ MATERIAL DATA MATERIAL
◆ APM BASE DATABASES
◆ DATA PARAMETRIC SECTION
◆ PARAMETRIC DRAWING & GRAPHICS

APM WINMACHINE

KOMPAS 3D

VARICAD

DESCRIPTION	ONLINE	TRAINING CENTRE	WEBINAR	REMARKS
MECH. ENGG.DRAWING	REGISTRATION	DOCUMENTS	COUNSELLING	OWN LAPTOP
ONLINE	2/UNIT TRAINING	4/UNIT ASSIGNMENT	2/UNIT ASSIGNED	SHEDULE
PRESENTATION	WEBINAR	NETWORK	PRESENTATION	2/UNIT ASSIGNED
PERIOD	2 HRS/1/UNIT IN SEQUENCE	NETWORKING/HRS*	PRESENTATION	* BROWSING FEE
PRICE (SEMESTER)	BY MAIL	* BROWSING FEE	NO COST	CERTIFICATE